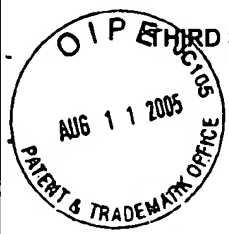


FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 04-105-A (400/1149)	Serial No. 10/824,036
 THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant: James McSwiggen	
		Filing Date: April 14, 2004	Group: 1645

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
AB	*	03/070887	08/28/03	WO (McSwiggen et al.)				
↓	*	03/070896	08/28/03	WO (McSwiggen et al.)				
↓	*	03/074654	09/12/03	WO (McSwiggen et al.)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

AB	*	International Search Report for PCT/US2004/027403 mailed July 12, 2005
↓	*	Jen et al., "Suppression of gene Expression by Targeted Disruption of Messenger RNA: Available Options and Current Strategies," <i>Stem Cells</i> , 18:307-319 (2000)
↓	*	Kuwabara et al., "A C. elegans patched gene, ptc-1, functions in germ-line cytokinesis," <i>Genes and Development</i> , 14(15):1933-1944 (2000)

EXAMINER /Amy Bowman/	DATE CONSIDERED 07/13/2006
---------------------------------	--------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449
(Rev. 2-32)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

04-105-A
(400/1149)

Serial No.

10/824,036

**FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)



Applicant:

James McSwiggen

Filing Date:

April 14, 2004

Group:

1645

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AB	*	US 2002/0114780	11/30/01	Bankiewicz et al.			08/02/02
	*	US 2002/0141980	06/21/01	Bankiewicz et al.			10/03/02
	*	US 2002/0187127	04/25/02	Bankiewicz et al.			12/12/02
	*	US 2002/0187931	12/12/02	Hayden et al.			05/31/02
	*	US 2003/0077829	07/19/04	McSwiggen et al.			03/31/05
	*	US 2003/0206887	09/16/02	Morrissey et al.			11/06/03
	*	US 2004/0241854	12/02/04	Davidson et al.			12/16/03

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
AB	*	92/01070	01/23/93	WO (Carter et al.)				
	*	93/03769	03/04/93	WO (Crystal et al.)				
	*	00/03683	01/27/00	WO (Boey et al.)				
	*	02/087541	11/07/02	WO (MacLachlan)				

EXAMINER

/Amy Bowman/

DATE CONSIDERED

06/28/2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 04-105-A (400/1149)	Serial No. 10/824,036
FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant: James McSwiggen	
		Filing Date: April 14, 2004	Group: 1645

AB	*	03/030989	04/17/03	WO (Behar et al.)				
✓	*	03/043689	05/30/03	WO (Behar et al.)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

AB	*	Aiello et al., "Adenovirus 5 DNA Sequences Present and RNA Sequences Transcribed in Transformed Human Embryo Kidney Cells (HEK-Ad-5 or 293)," <i>Virology</i> , 94:460-469 (1979)
	*	Berns, K.I., "Parvoviridae and their Replication," <i>Fundamental Virology</i> , 2 nd Edition, Chpt. 32 p. 817-837 (1991)
	*	Buller et al., "Herpes Simplex Virus Types 1 and 2 Completely Help Adenovirus-Associated Virus Replication," <i>J. Virol.</i> , 40:241-247 (1981)
	*	Capecchi, "High Efficiency Transformation by Direct Microinjection of DNA into Cultured Mammalian," <i>Cell</i> , 22:479-488 (1980)
	*	Carter, "Adeno-Associated Virus Vectors," <i>Curr Opi. Biotech.</i> 3:533-539 (1992)
	*	Carter, B.J., "Adeno-Associated Virus Helper Functions," <i>CRC Handbook of Parvoviruses</i> , Vol. 1 (P. Tijssen, ed) (1990)
	*	Chu et al., "SV40 DNA transfection of cells in suspension: analysis of the efficiency of transcription and translation of T-antigen," <i>Gene</i> , 13:197-202 (1981)
	*	Edge et al., "Total synthesis of a human leukocyte interferon gene," <i>Nature</i> , 292:756-762 (1981)
	*	Felgner et al., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure," <i>Proc. Natl. Acad. Sci. USA</i> , 84:7413-7417 (1987)
✓	*	Graham et al., "Characteristics of a Human Cell Line Transformed by DNA from Human Adenovirus Type 5," <i>J. Gen. Virol.</i> , 36:59-74 (1977)

EXAMINER /Amy Bowman/	DATE CONSIDERED 06/28/2006
-------------------------------------	--

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No.	Serial No.
FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		04-105-A (400/1149)	10/824,036
(Use several sheets if necessary)		Applicant:	
James McSwiggen		Filing Date:	
April 14, 2004		Group:	
1645			

AB	*	Graham et al., "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA," <i>Virology</i> , 52:456-467 (1973)
	*	Janik et al., "Locations of adenovirus genes required for the replication of adenovirus-associated virus," <i>Proc. Natl. Acad. Sci. USA</i> , 78(3):1925-1929 (1981)
	*	Jay et al., "Chemical Synthesis of Biologically Active Gene for Human Immune Interferon-," <i>J. Biol. Chem.</i> , 259(10):6311-6317 (1984)
	*	Klein et al., "High-velocity microprojectiles for delivering nucleic acids into living cells," <i>Nature</i> , 327:70-73 (1987)
	*	Kotin, R.M., "Prospects for the Use of Adeno-Associated Virus as a Vector for Human Gene Therapy," <i>Human Gene Therapy</i> , 5:793-801 (1994)
	*	Lebkowski et al., "Adeno-Associated Virus: a Vector System for Efficient Introduction and Integration of DNA into a Variety of Mammalian Cell Types," <i>Molec. Cell. Biol.</i> , 8:3988-3996 (1988)
	*	Leifer et al., "Heterogeneity in the Human Response to Immunostimulatory CpG Oligodeoxynucleotides," <i>Journal of Immunotherapy</i> , 26(4):313-319 (2003)
	*	Mannino et al., "Liposome Mediated Gene Transfer," <i>BioTechniques</i> , 6:682-690 (1988)
	*	McCarty et al., "Sequences Required for Coordinate Induction of Adeno-Associated Virus p19 and p40 Promoters by Rep Protein," <i>J. Virol.</i> , 65(6):2936-2945 (1991)
	*	McPherson et al., "Human Cytomegalovirus Completely Helps Adeno-Associated <i>Virology</i> , 147:217-222 (1985)
	*	Muzyczka, N., "Use of Adeno-Associated Virus as a General Transduction Vector for Mammalian Cells," <i>Current Topics in Microbiology and Immunol.</i> , 158:97-129 (1992)
	*	Nambair et al., "Total Synthesis and Cloning of a Gene Coding for the Ribonuclease S Protein," <i>Science</i> , 223:1299-1301 (1984)
✓	*	Pardridge, W.M., "Drug and Gene Targeting to the Brain with Molecular Trojan Horses," <i>Nat. Rev. Drug Discov.</i> , 1(2):131-139 (2002)

EXAMINER /Amy Bowman/	DATE CONSIDERED 06/28/2006
------------------------------	-----------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 04-105-A (400/1149)	Serial No. 10/824,036
FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant:	
		James McSwiggen	
		Filing Date:	Group:
		April 14, 2004	1645

AB	•	Sambrook and Maniatis, "Introduction of Recombinant Vectors into Mammalian Cells," from <u>Molecular Cloning: A Laboratory Manual</u> , 2 nd Edition, Cold Spring Harbor Press (1989); Sections 16.30-16.32
	•	Samulski et al., Helper-Free Stocks of Recombinant Adeno-Associated Viruses: Normal Integration Does Not Require Viral Gene Expression," <i>J. Virol.</i> , 63(9):3822-3828 (1989)
	•	Schlachetzki et al., "Gene therapy of the brain – The trans-vascular approach," <i>Neurology</i> , 62(8):1275-1281 (2004)
	•	Schlehofer et al., "Vaccinia Virus, Herpes Simplex Virus, and Carcinogens Induce DNA Amplification in a Human Cell Line and Support Replication of a Helpervirus Dependent Parvovirus," <i>Virology</i> , 152:110-117 (1986)
	•	Shelling and Smith, "Targeted integration of transfected and infected adeno-associated virus vectors containing the neomycin resistance gene," <i>Gene Therapy</i> , 1:165-169 (1994)
	•	Shigekawa et al., "Electroporation of Eukaryotes and Prokaryotes: A General Approach to the Introduction of Macromolecules into Cells," <i>BioTechniques</i> , 6:742-751 (1988)
	•	Snyder et al., "Defining Genes in the Genomics Era," <i>Science</i> , 300, 258-260 (2003)
	•	Thomson et al., "Human Hepresvirus 6 (HHV-6) is a Helper Virus for Adeno-Associated Virus Type 2 (AAV-2) and the AAV-2 rep Gene Homologue in HHV-6 Can Mediate AAV-2 DNA Replication and Regulate Gene Expression," <i>Virology</i> , 204:304-311 (1994)
	•	Young et al., "Adeno-Associated Virus -- an Extreme State of Viral Defectiveness," <i>Prog. Med. Virol.</i> , 25:113-132 (1979)
↓	•	Zhou et al., "Adeno-associated Virus 2-mediated High Efficiency Gene Transfer into Immature and Mature Subsets of Hematopoietic Progenitor Cells in Human Umbilical Cord Blood," <i>J. Exp. Med.</i> , 179:1867-1875 (1994)

EXAMINER	/Amy Bowman/	DATE CONSIDERED	06/28/2006
----------	--------------	-----------------	------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.